



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Technology & Science, Indore

Choice Based Credit System (CBCS) Scheme

B.Tech. (Mechatronics)

V - SEMESTER

S. No.	Subject Code	Name of Subject	Course Code	Teaching Scheme/week			Examination Scheme					Total Marks	CREDITS
				L	T	P	Theory			Practical			
							End Sem University Exam	Two Term Exam	Teachers Assessment*	End Sem University Exam	Teachers Assessment*		
1	BTMT501	Applied Hydraulics and Pneumatics		3	1	2	60	20	20	30	20	150	5
2	BTMT502	Introduction to ROBOTICS		3	0	0	60	20	20	0	0	100	3
3	BTEE502	Power Electronics		3	1	2	60	20	20	30	20	150	5
4	BTEE503	Control system Engineering		3	1	2	60	20	20	30	20	150	5
5	BTCS403 BTEE515 BTMT511 BTEE511	Elective		3	1	2	60	20	20	30	20	150	5
6	BTMT503	Minor Project		0	0	2	0	0	0	30	20	50	1
TOTAL				15	4	10	300	100	100	150	100	750	24

\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

\*Students are advised to take online moocs courses of 2 credits.

Elective	Data Structure & Algorithms(BTCS 403)		3	1	2	60	20	20	30	20	150	5
	Data Communication (BTEE515)		3	1	2	60	20	20	30	20	150	5
	Automation(BTMT511)		3	1	2	60	20	20	30	20	150	5
	Instrumentation system design (BTEE511)		3	1	2	60	20	20	30	20	150	5

*Neelpt*

**Chairperson**  
Board of Studies

Shri Vaishnav Vidyapeeth Vishwavidyalaya  
Indore

*MC Chande*

Controller of Examinations  
Shri Vaishnav Vidyapeeth Vishwavidyalaya

*Sign*

**Registrar**

Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

*Sign*

*Sign*

**Vice Chancellor**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore